

Listing of Claims:

1. (Previously presented) A network interface device comprising:  
a housing defining a network access compartment and a customer access compartment, each having slot cavities;  
a network interface unit module mounted in said housing in at least one of said slot cavities of said network access compartment; and  
a corresponding customer access module mounted in said housing in at least one of said slot cavities of said customer access compartment.

2. (Currently Amended) The device of Claim 1, wherein said network interface unit module includes network interface unit circuitry, a network service provider interface, and a customer access module connector interface.

3. (Previously presented) The device of Claim 2, wherein said customer access module includes customer access module circuitry compatible with said network interface unit circuitry, a network interface module connector, and a customer equipment interface.

4. (Previously presented) The device of Claim 1, wherein said network interface unit module terminates network services.

5. (Previously presented) The device of Claim 4, wherein said network services which are terminated are HDSL, HDSL2, HDSL4, G.shdsl or T1 service.

6. (Previously presented) The device of Claim 1, wherein said network interface unit module and said customer access module cooperate to deliver high speed telecommunications services.

7. (Previously presented) The device of Claim 5, wherein said high speed telecommunications services which are delivered are Ethernet, Wireless, Home Phoneline Networking Alliance, or T1 service.

8. (Previously presented) The device of Claim 3, wherein said customer equipment interface is an RJ48 or RJ11 interface or terminal screws.

9. (Previously presented) A method of delivering high speed telecommunications services in existing network interface devices having

a housing defining a network access compartment and a customer access compartment, each having a plurality of slot cavities, said method comprising the steps of:

mounting a network interface unit module in said housing in at least one of said plurality of slot cavities of said network access compartment;

mounting a corresponding customer access module mounted in said housing in at least one of said plurality of single slot cavities of said customer access compartment;

operatively connecting said network interface unit module to a network service provider's facilities;

operatively connecting said network interface unit module to said corresponding customer access module; and

operatively connecting said customer access module to a customer's telecommunication equipment.

10. (Previously presented) The method of Claim 9, further comprising the step of terminating in said network interface unit module a signal received from said network service provider's facility.

11. (Previously presented) The method of Claim 10, wherein said signal which is terminated is an HDSL, HDSL2, HDSL4, ADSL, VDSL, G.shdsl or T1 service.

12. (Previously presented) The method of Claim 10, further comprising the step of delivering via said customer access module said high speed telecommunications services.

13. (Previously presented) The device of Claim 12, wherein said high speed telecommunications services which are delivered are Ethernet, Wireless, Home Phoneline Networking Alliance, or T1 service.

14. (Currently amended) A network interface unit for installation in a network interface device having a housing defining a network access compartment and a customer access compartment, each having a plurality of slot cavities, said network interface unit comprising:

a network interface unit module adapted to insert into the confines of at least one of said slot cavities of said network access compartment, said module comprising network interface unit circuitry, an ~~a first~~ interface for connecting said network interface unit module to a network service provider's facility, and a connector ~~second interface~~

for connecting said network interface unit module to a customer access module.

15. (Previously presented) A method of integrating a network interface unit in an existing network interface device having a housing defining a network access compartment and a customer access compartment, each having a plurality of slot cavities, said method comprising the steps of:

providing a network interface unit module adapted to insert into the confines of at least one of said slot cavities of said network access compartment such that high speed telecommunications services can be terminated and delivered without having to replace or modify the existing network interface device.